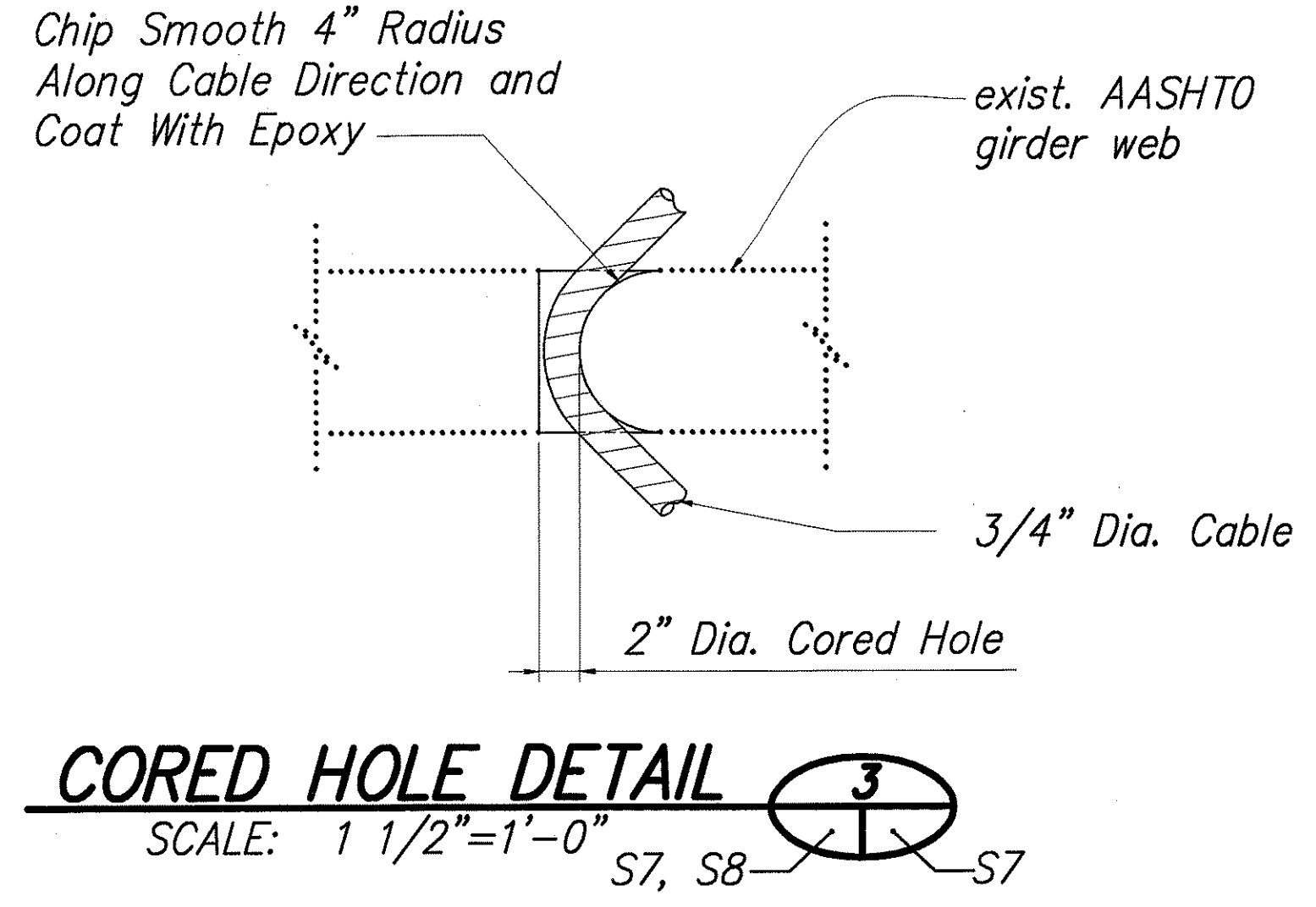
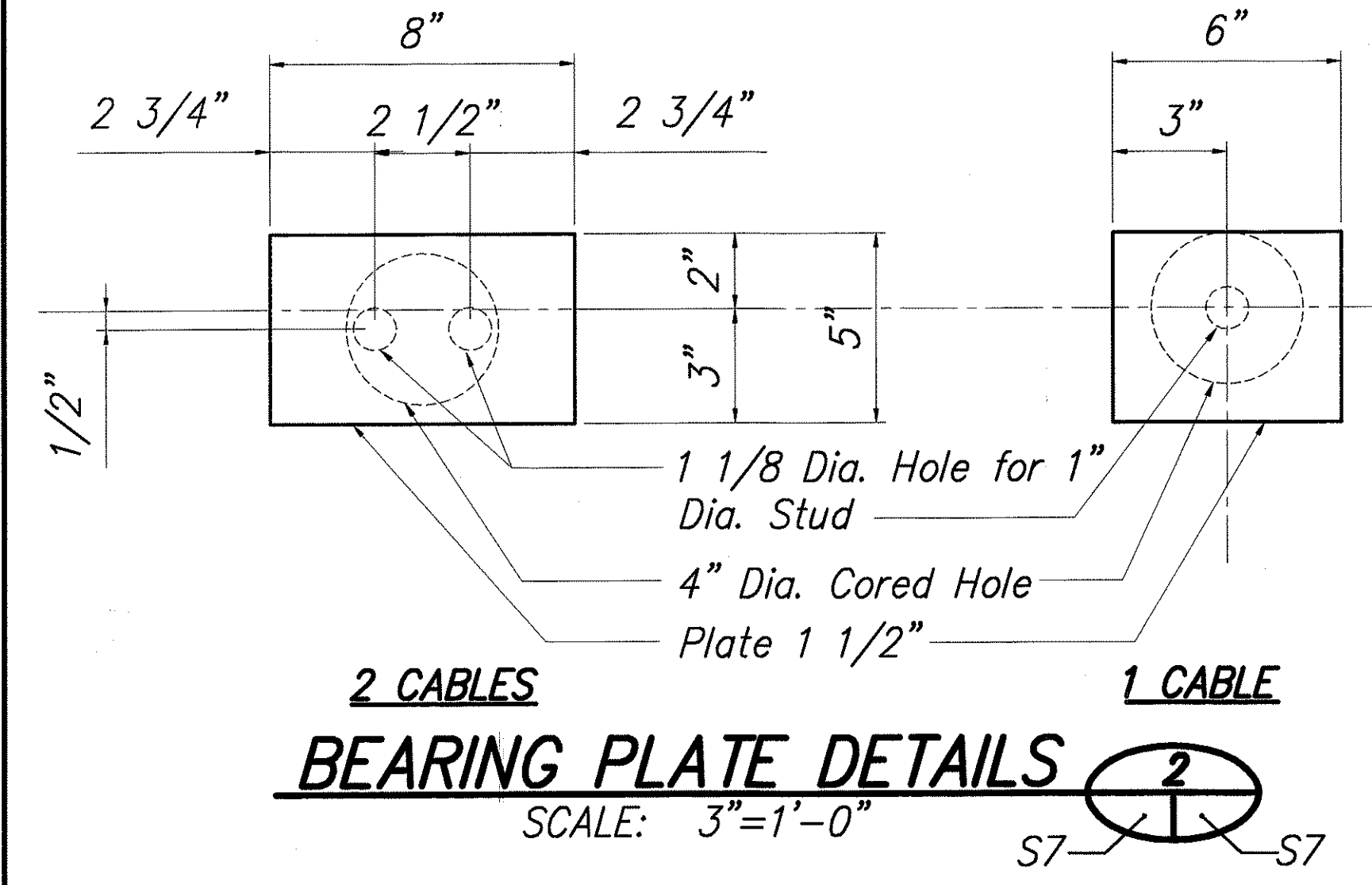
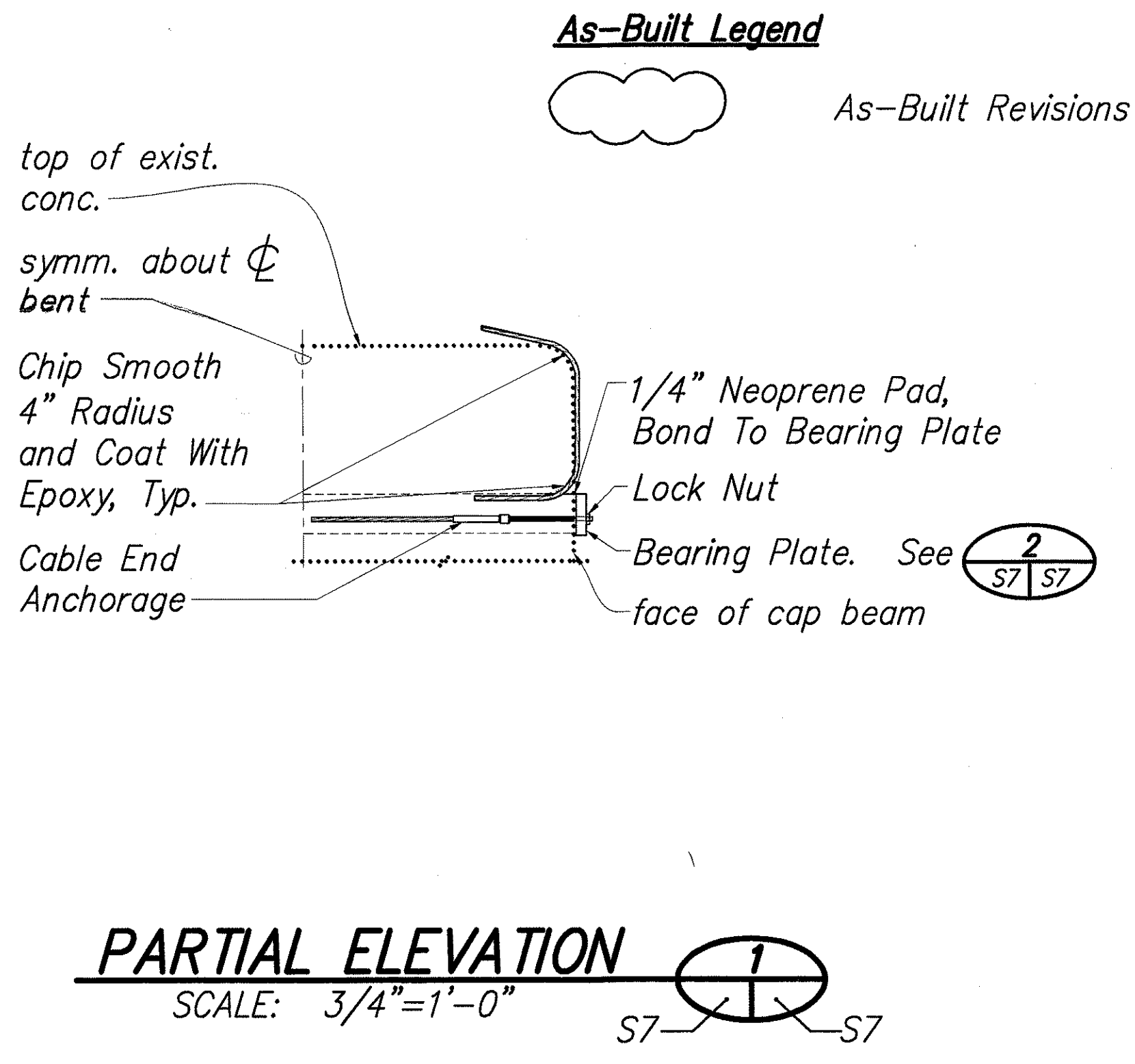
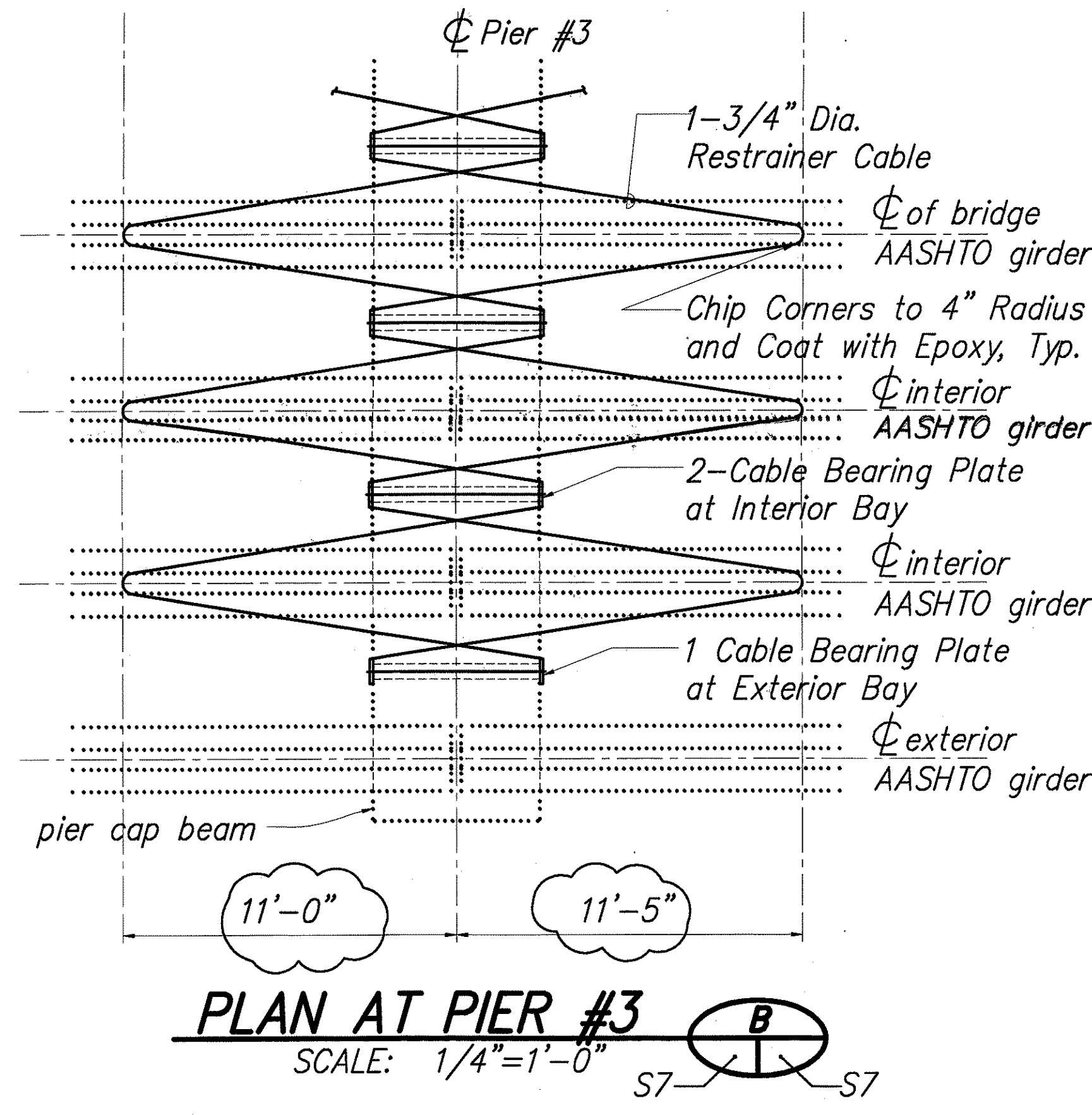
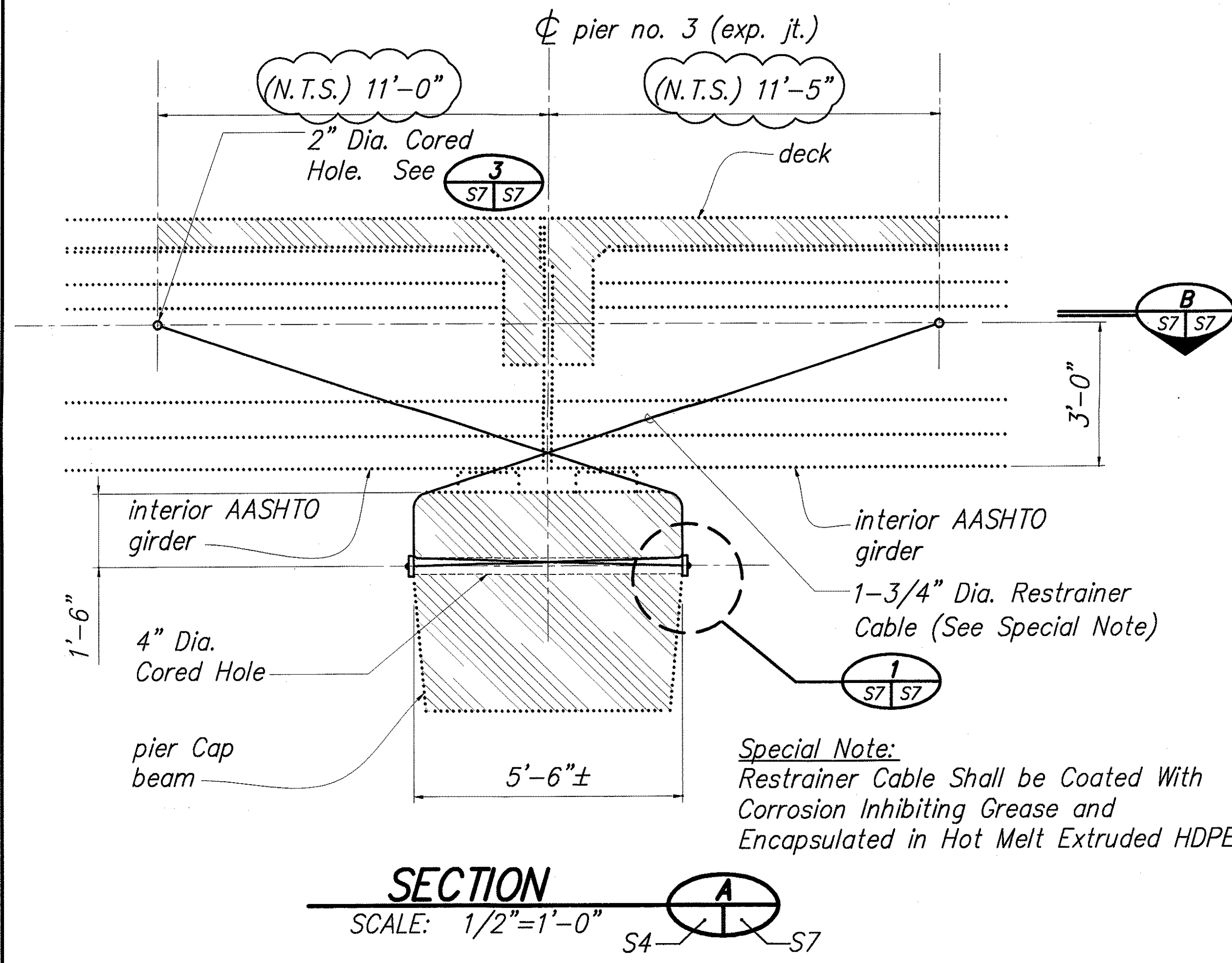


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-H1-1(227)	1998	10	13



ESTIMATED QUANTITIES - STRUCTURE 15			
ITEM NO.	ITEM	QUANTITY	UNIT
501.0210	Access Door Assembly	8	Each
503.1015	Saw Cut for Access Door	8	Each
503.1092	Concrete bolster - Structure 15	8	Each
503.2015	2" Dia. Core (7 Lin. Ft.)	L.S.	L.S.
503.2016	4" Dia. Core (36 Lin. Ft.)	L.S.	L.S.
503.2017	6" Dia. Core (32 Lin. Ft.)	L.S.	L.S.
654.2017	Cable Restrainer Structure 15 at Pier No. 3	10	Each
654.2028	Cable Restrainer Structure 15 at Box Girder	4	Each

Note:
See cable restrainer notes on General Note sheet.

State Of Hawaii

Department of Transportation

Highways Division

STRUCTURE 15

RETROFIT DETAILS

Interstate Route H-1, Seismic Retrofit, Waiawa Interchange

FAIP No. BR-H1-1(227)

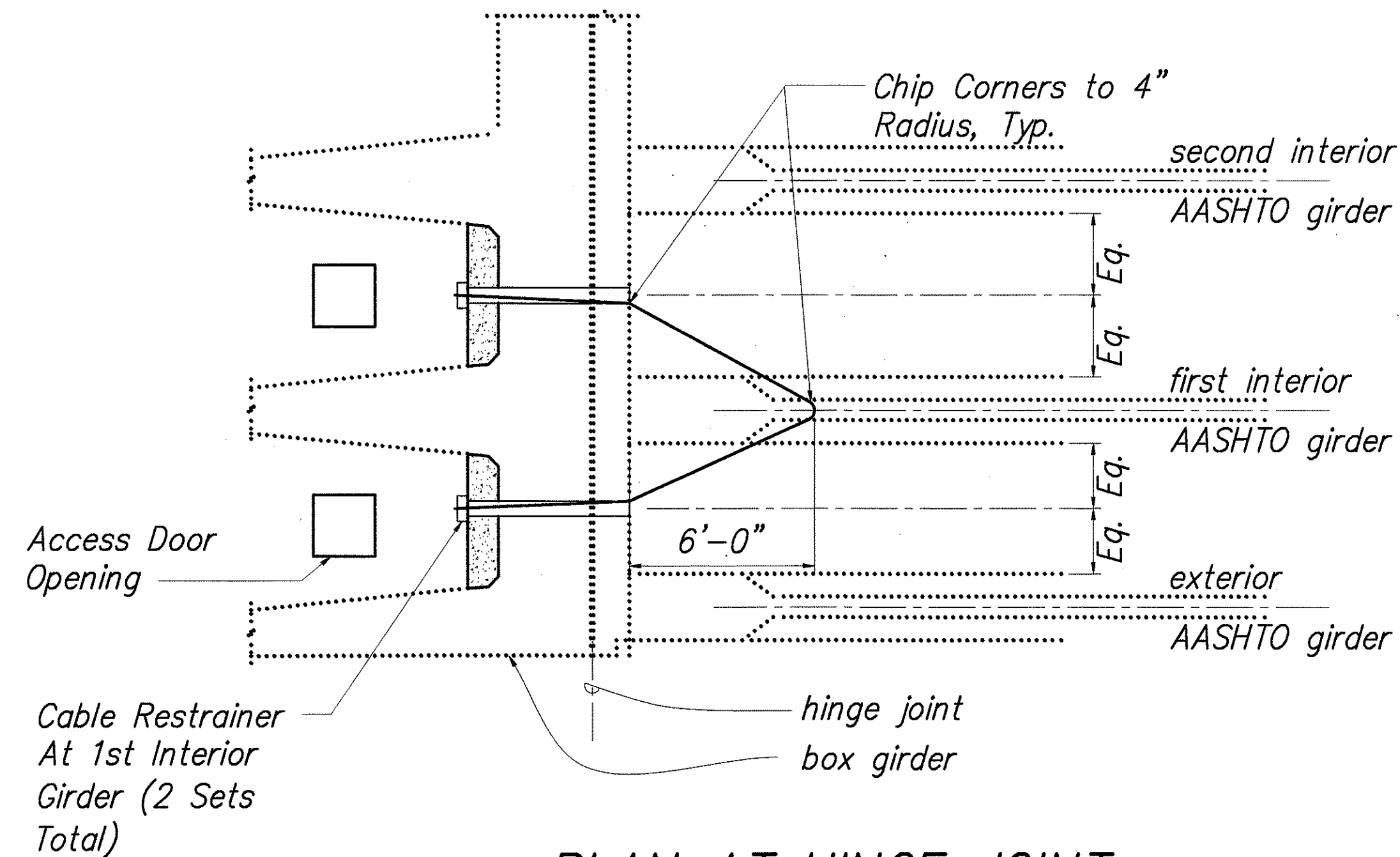
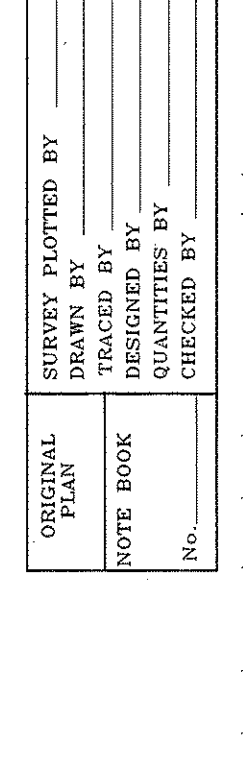
Scale: as noted Date: March 1998

SHEET No. 57 OF 10 SHEETS

ORIGINAL PLAN	DATE
DESIGNED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	

1:\1997\9706560\OWCS\DET\97065604.DWG 11/06/99 09:41 DY

ORIGINAL PLAN	SURVEY PLOTTED BY _____ DATE _____
NOTE BOOK	DRAWN BY _____
	TRACED BY _____
	DESIGNED BY _____
	QUANTITIES BY _____
No. _____	CHECKED BY _____



As-Built Legend

 As-Built Revisions

SHEET No. 58 OF 10 SHEETS